Stem Cell Differentiation Protocol Schema

Synchronized stem cell cycle transit in group culture: TPO, FLT-3L, steel factor ineage negative, Hoechst low cells rhodamine low,

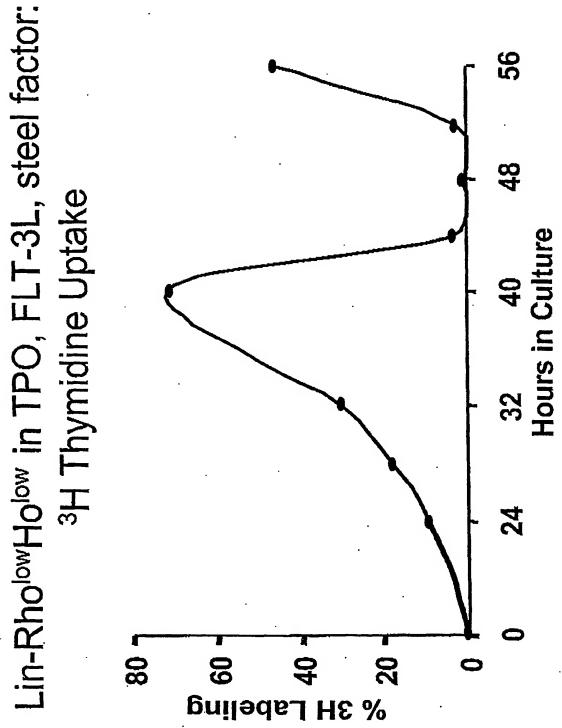
2 Weeks Differentiation Culture: G-CSF, GM-CSF, steel

Cytospin: Cell Counts After culture

Immunofluorescence, FACS for lineage

Wright/Giemsa Staining

FIG. 1



Proliferative Granulocyte Differentiation Through Cycle

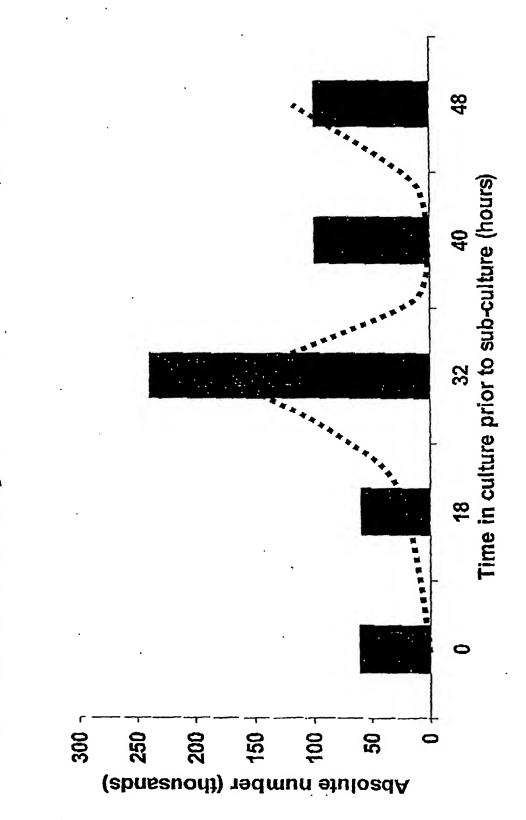


FIG. 3

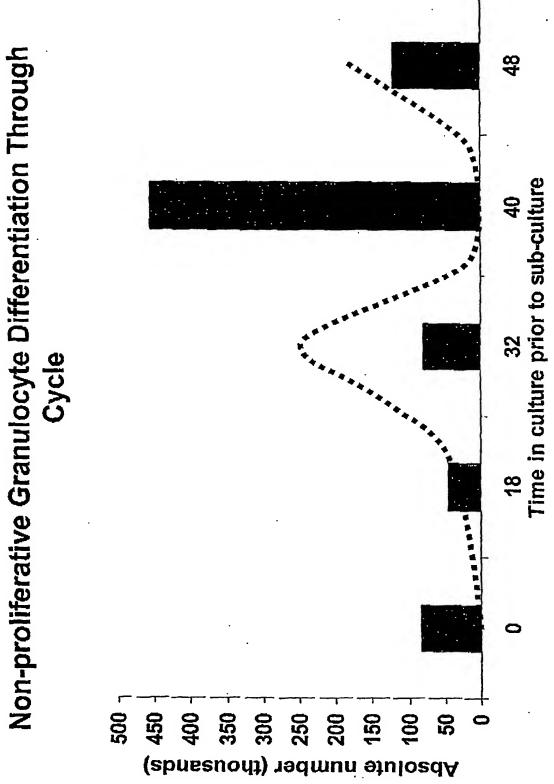


FIG. 4

Megakaryocyte Differentiation Through Cycle

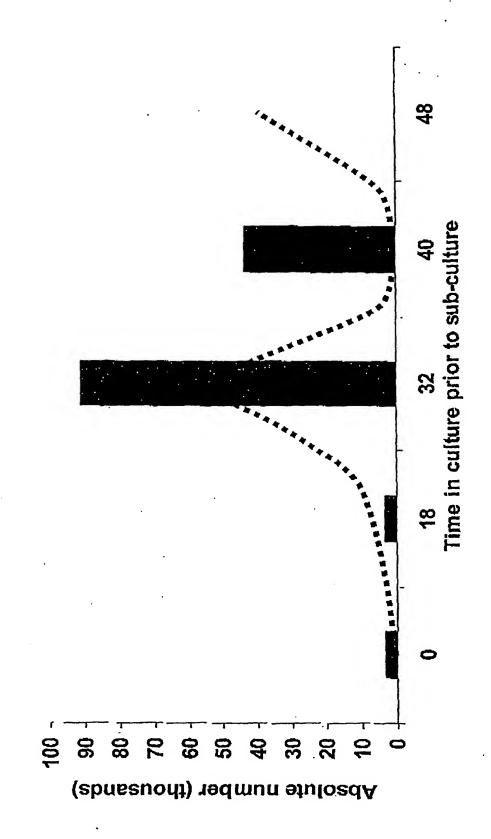


FIG.

HPP-CFC through G1

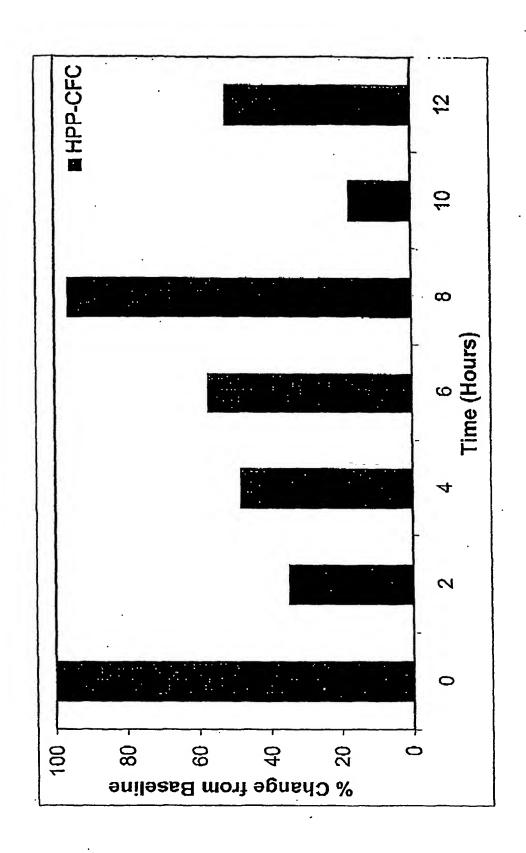


FIG. 6